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NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 10, nos. 7 & 8

January-February 1952

NEW BOOKS

AGRICULTURAL MARKETING by A.L. Larson. New York, Prentice-Hall, 1951. 519p.
280.5 L322.

A book to help the reader to think critically and act constructively on agricultural marketing problems; how marketing is carried on, why marketing is carried on and the problems of marketing.

THE ART OF ADMINISTRATION by O. Tead. New York, McGraw-Hill, 1951. 223 p.
249 T22A.

A very helpful publication on the principles and problems of administration.

BERNHARD EDUARD FERNOW; A STORY OF NORTH AMERICAN FORESTRY by A.D. Rodgers.
Princeton, Princeton University Press, 1951. 623 p. 120 F392.

A biography based on unpublished papers and records, containing the basic work on the history of forestry in North America.

BREEDING AND IMPROVEMENT OF FARM ANIMALS; WITH CHAPTER ON SELECTION IN MEAT ANIMALS, by V.A. Rice. 4th ed. New York, McGraw-Hill, 1951. 787 p.
40 R36 Ed.4.

In this edition, the basic organization remains as it has been, reproductive physiology, genetics, and selection, but includes the broadened recognition of advancement in these fields for the past several years.

DESTRUCTIVE AND USEFUL INSECTS: THEIR HABITS AND CONTROL by C.L. Metcalf. 3d ed.
New York, McGraw-Hill, 1951. 1071 p. 423 M563 Ed.3.

This third edition has been prepared in order to incorporate the vast revolutionary advances in insect control which have taken place during the past decade.

EVERYDAY STATISTICS, FACTS AND FALLACIES by G.W. Snedecor. Dubuque, Brown, (1950)
152 p. 251 Sn2F.

An aid to the daily statistician. Advanced mathematics is not necessary to understand this clear analysis of the science itself.

FOREST MANAGEMENT by H.H. Chapman. Bristol, Conn., Hildreth Press, 1950. 582 p.
90.55 C56 1950.

The purpose of this new edition is to emphasize the conditions and principles of organization that makes possible a continuance of economic operations.

FUNDAMENTALS OF HORTICULTURE; A TEXTBOOK DESIGNED FOR COURSES IN GENERAL HORTICULTURE by J.B. Edmond. New York, Blakiston, 1951. 502 p. 90.4 Ed5.

The author discusses the fundamentals, particularly the process of photosynthesis, respiration, and water absorption and transpiration; and applies the fundamental processes to the growth and development of plants and to the solution of plant production problems.

FUNDAMENTALS OF SOIL SCIENCE by C.E. Miller. 2d ed. New York, Wiley, 1951.
510 p. 56 M613 Ed.2.

Special attention is given to the progress made since the first publication of this book, - the fields of chemistry, botany, geology, physics, microbiology, crop production, and agricultural engineering because soil science is closely related to them.

GOVERNMENTAL ADMINISTRATION by J.C. Charlesworth. New York, Harper, 1951. 713 p.
280.12 C382.

Deals with all phases of public administration. It teaches how to administer rather than merely describe existing administrative agencies.

AN INTRODUCTION TO THE SCIENCE OF PHOTOGRAPHY by K. Chamberlain. New York,
Macmillan, c1951. 292 p. 352 C352.

A study about the intelligent use of the camera including material in physics and chemistry.

INSECT PESTS OF STORED GRAIN AND GRAIN PRODUCTS, IDENTIFICATION HINTS AND METHODS OF CONTROL by R.T. Cotton. rev. ed. Minneapolis, Burgess, 1950. 244 p.
425 C82 1950.

The origin of the insect pests of stored grain is not well known, but the cost of methods employed to destroy them is high. This book attempts to acquaint the reader with these insects and the most effective methods of controlling them.

PLANT GROWTH SUBSTANCES edited by F. Skoog. Madison, University of Wisconsin Press,
1951. 476 p. 90.11 Sk5.

A symposium on plant growth substances of new information pertaining to the physiology, biochemistry, chemistry, and agricultural uses of growth substances.

SCIENTIFIC METHOD FOR AUDITING; APPLICATIONS OF STATISTICAL SAMPLING THEORY TO AUDITING PROCEDURE by L.L. Vance. Berkeley, University of California Press.
1950. 108 p. 251 V27.

Application of the logic of modern statistics to the drawing and interpreting of auditing samples.

SOIL AND FRESHWATER NEMATODES by T. Goodey. London, Methuen, 1951. 389 p.
436 G61.

"A work dealing with the free living forms found in nature in decaying plant tissues, in soil and humus, in fresh water habitats and sometimes in special association with insects. This book brings together the relevant biological facts of each genus considered." Preface.

SOIL SCIENCE SOCIETY OF AMERICA. PROCEEDINGS, 1950. v. 15. Madison, 1951.
442 p. 56.9 So3.

SPEAK WITH EASE by R.C. Ross. Toronto, Van Nostrand, 1950. 118 p. 145.2 R73.

This is not a book about elocution. It is a manual for those who want to know how to speak with ease in public or private. It is written to show how to deal with the physical basis of speaker's fears.

The following packet collections are now available for circulation. Request by subject and number, and give the number of readers. Packets may be kept for six weeks. If you would like material on a certain subject, send the library your subject and we will assemble and send you a collection.

FOREST CONSERVATION

- A Forest Conservation Program. (USFS AIS-10)
- Highlights In The History of Forest Conservation. (USFS)
- Our Forests: What They Are and What They Mean To Us. (USDA MP 162)
- Our Living Forests by Hazard.
- Problems and Progress of Forestry In The United States. (National Research Counc)
- Problems in Forest Conservation. (Emory Univ. School of Business Adm.)
- The Responsibility and Opportunities of Government In Forest Conservation. (Southern Pine Association)
- Some Plain Facts about the Forests. (USDA MP 543)
- Using Our Tree Crop Wisely (Southern Pulpwood Conservation Association)

HYDROLOGY

- Hydrology by Wisler.
- Reinfall and Runoff by Foster
- Spreading Water for Storage Underground. (USDA TB 578)

SEDIMENTATION

- Applied Sedimentation by Task.
- Effects of Diverting Sediment-Laden Runoff From Arroyos To Range and Crop Lands
- Some Principles of Accelerated Stream and Valley Sedimentation. (USDA TB 695)
- Watershed Management and Sediment Control. (USFS Intermountain Forest and Range Experiment Station)

TREE BREEDING AND PLANTING

Forest Soils and Forest Growth by Wilde.

Forest Tree Breeding and Genetics. (Imperial Forestry Bureau. Joint Pub. 8)
Growing and Planting Hardwood Seedlings on the Farm. USDA FB 1123)

Methods of Forest Growth Determination. Penna Exp. Sta.).

Tree Breeding at the Institute of Forest Genetics. (USDA MP 659)

Tree Planting in the Central Piedmont and Southern Appalachian Regions.
(USDA FB 1994)

Tree Planting Machines. (USFS)

WRITING

Getting Your Ideas Across Through Writing. (U.S. Federal Security Agency
Training Manual 7).

A Guide To Technical Writing by Crouch.

Needed - A Profession of Agricultural Journalism. (USDA ARA)

Preventing Writing Accidents. (USDA Office of Personnel)

Writing. (La. Ext. Pub. 1074)

The Way To Write by Flesch.

PAMPHLETS

Air Transportation of Fruits, Vegetables, and Cut Flowers: Temperature and
Humidity Requirements and Perishable Nature. USDA BPISAE H.T. & S Office
Rept. 258. Beltsville, 1951. 27 p. 1.9 P772lt.

Cold Storage To Control The Cigarette Beetle In Cigar Tobaccos. USDA BE&PQ E-827.
Washington? 1951. 8 p. 1.9 En83.

Estimated Use of Water in the United States, 1950. USGS Circ. 115. 15 p.
Washington, May 1951. 409 G29C.

Federal Land Bank System; How It Operates. USDA FCA Circ. 35. Washington,
1951. 18 p. 166.2 G49.

Field Method for the Determination of Molybdenum In Plants. USGS Circ. 124.
Washington, 1951. 4 p. 407 G29C.

Outline of Methods for Estimating Ground-Water Supplies. USGS Water-Supply
Paper 633 -C. Washington, 1952. 409 G29H.

The Production of Perennial Grazing and Forage Crops In North Georgia. Ga. Exp.
Sta. B. 270. Experiment 1951. 28 p. 100 G29.

Retail Sales of New and Used Mechanical Farm Equipment. OPS Trade Guide, Ceiling
Price Regulation 100. Washington, December 5, 1951.

Research in Selling and Buying With Special Reference to Goods Sold or Bought
by Farm People. Harvard Univ., Harvard Studies In Marketing Farm Products,
2-H. Cambridge, 1951. 65 p.

Some Economic Aspects of Beef Cattle Production in the Piedmont of Georgia.
Ga. Exp. Sta. B. 259. Experiment, 1951. 144 p. 100 G29.

Water Resources of the Atlanta Metropolitan Area by R.W. Carter. (USGS Circ. 148)
Washington, 1951. 19 p. 407 G29C.

Wheat Production in the Eastern United States. USDA - FB 2006. Washington,
1951. 50 p. 1 Ag84F.

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A Bibliography on the Avocado (*Persica Americana* Miller) 2d ed. Univ. of Calif.
Citrus Exp. Sta. 1950. 372 p. 241 C75 Ed.2.

Books, Booklets and Bulletins on Soil and Water Conservation. USDA AIB 63.

Personnel Administration Publications. USDA Library, Library List 33 rev.
Washington, 1951? 4 p. 1.916 L612.